



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

MAANSAARI (nee: SAVOLA) et al.

Group Art Unit: 2661

Appln. No.: 09/963,688

Examiner: Not Yet Assigned

Filed: September 27, 2001

FOR: CHANGING OF CHANNEL CAPABILITIES

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December 20, 2001

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of Patents
Washington, DC 20231

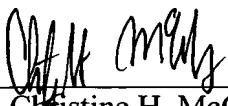
Sir:

Enclosed herewith are PTO-1449 and copies of references cited in a Finnish Office Action, dated November 21, 2001, which issued in a corresponding international application for the Examiner's review.

Consideration of the foregoing and the return of a copy of the PTO-1449 with the Examiner's initials in the left column per MPEP 609 are earnestly solicited.

Respectfully submitted,

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FORM PTO-1449 (modified)
 To: U.S. Department of Commerce
 (PW FORM PAT-1449)
 Patent and Trademark Office



**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Date: December 20, 2001

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Atty. Dkt. No.	M#	Client Ref.
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U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
AR	5,638,365	06/1997	DUAULT et al.			
BR	5,638,412	06/1997	BLAKENEY II et al.			
CR						
DR						
ER						
FR						
GR						
HR						
IR						
JR						
KR						
LR						
MR						
NR						

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name		English Abstract	Translation Readily Available	
						Enclosed	No	Enclose
OR	WO 01/11910	02/2001	WIPO	MAKELA				
PR	WO 99/39528	08/1999	WIPO	VIALEN				
QR	WO 00/51387	08/2000	WIPO	HONKO				
RR	WO 98/36589	08/1998	WIPO	HIETALAHTI				
SR								
TR								
UR								
VR								
WR								
XR								

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

YR		
ZR		
AAR		
BBR		

Examiner Date Considered:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.